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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/039,555	01/08/2002	Frank G. D'Andrea JR.	1303.01	1323

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01/02/2003

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EXAMINER

AMARANTIDES, JOHN

ART UNIT PAPER NUMBER

2875

DATE MAILED: 01/02/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/039,555

Applicant(s)

D'ANDREA ET AL.

Examiner

John Amarantides

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-- The MAILING DATE of this communication appears on the cover sheet with the corresponding address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08 January 2002 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). ____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____ 6) ☐ Other:

DETAILED ACTION

Drawings

1. The drawings are objected to because:
 - a. In Figure 1, the reference line for bracket (18) points to a void and not the bracket.
 - b. In Figure 1, the tapered end (26) is not shown.
 - c. In Figure 5, the lower surface (34) is a side surface as indicated, since Figure 5 is a top plan view.
 - d. In Figure 9, the reference line for bracket (20) points to a void and not the bracket.
 - e. In Figure 9, reference number (30) is used to identify a wall and reference number (28) is used to identify a complementary slot, while both reference lines point to the same part.

A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

2. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference sign(s) not mentioned in the description: Figure 10, reference number (116). A proposed drawing correction, corrected drawings, or amendment to the specification to add the reference sign(s) in the description, are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

3. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference characters "15" and "21" have both been used to designate transverse surface. A

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proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Specification

4. The disclosure is objected to because of the following informalities:

- a. Page 7, line 14 uses reference number (15) to identify left edge, while page 8, line 4 uses reference number (15) to identify transverse surface.
- b. Page 8, line 4 uses reference number (30) to identify left inside face surface, page 8, line 11 uses reference number (30) to identify yz surface, page 8, line 14 uses reference number (30) to identify surface, and page 9, line 18 uses reference number (30) to identify wall.

Appropriate correction is required.

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 1 – 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tsai (US006466434B1), in view of Leman (US006161944A) and in view of Kam-Hoi (US005791763A).

- a. In regard to claims 1, 3, and 6 – 13, Tsai in Figures 2A and 2B discloses a bracket with a tapered end and openings aligned with the outer CPU case to install peripherals

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equipment and switches with a single power supply line. Tsai teaches all the structural elements of the invention except the internal light means. Leman in Figure 2 discloses a light source that slides up and down powered from the CPU power source to illuminate the keyboard of a CPU. Kam-Hoi in Figure 3 discloses a headlamp (1), flexible arm (2), batteries and charger "A" and a switch (SW1) that can be wired to the single computer power supply line shown in Figure 3. Nevertheless, it is old and well known that a common single power supply line is used for computers and associated lighting and that lamps have been used to illuminate computers and that brackets to supporting equipment must be sized and aligned for proper operation and use. It would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains to use Kam-Hoi's lighting means in an appropriate location as supported by Leman in the CPU housing with a bracket (switch is located in a manner to allow exterior access through opening in bracket and CPU case) of Tsai's in order to enhance the interior illumination of the CPU to perform maintenance checks and repair work both safely and efficiently.

b. In regard to claims 2, 4 and 5, nevertheless, it is old and well known that screws and/or threaded bolts are used to fasten CPU housings and brackets to maintain alignment and insure peripherals remain in a fixed position. Punch-out slots are also common in CPU housings and brackets for upgrades and installation of additional equipment.

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Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The following patents are cited to further show the state of the art with respect to lighting systems for CPU's and electronic equipment:


a. US005203622A to Sottile

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to John Amarantides whose telephone number is 703-305-4013.

The examiner can normally be reached 8:00am-4:30pm M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thomas Sember can be reached on 703-308-1938. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9318 for regular communications and 703-872-9319 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-306-3329.

JA 
December 30, 2002


Sandra O'Shea
Supervisory Patent Examiner
Technology Center 2800